

# STN % Caplus, Japio, USPAT

STN Columbus

(FILE 'HOME' ENTERED AT 19:18:33 ON 27 JUL 2007)

FILE 'CAPLUS' ENTERED AT 19:18:39 ON 27 JUL 2007

L1 343488 S POROUS OR PS  
L2 166036 S PORE?(8A) (SIZE? OR DIAMETER? OR RADI? OR DENSIT?) OR POROSIT?  
L3 2902491 S MEMS OR NEMS OR MICRO? OR NANO?  
L4 14605 S L1 AND L2 AND L3  
L5 42741 S SACRIFIC?  
L6 94 S L4 AND L5  
L7 250 S L1(10A)L5  
L8 27 S L6 AND L7

FILE 'JAPIO' ENTERED AT 19:20:29 ON 27 JUL 2007

L9 0 S L8  
L10 0 S L6

FILE 'USPATFULL' ENTERED AT 19:20:45 ON 27 JUL 2007

L11 16991 S L1(P)L2(P)L3  
L12 44 S L7(P)L11  
L13 25 S L12(P) (ETCH? OR REMOV? OR PATTERN? OR DISOLV? OR DISSOLV?)  
L14 44 S L12 OR L13  
L15 299 S L1(P)L2(P)L5  
L16 122 S L15(P) (ETCH? OR REMOV? OR PATTERN? OR DISOLV? OR DISSOLV?)  
L17 106 S L3 AND L16  
L18 77 S L17 NOT L14  
SET HIGH OFF  
L19 77 S L18  
SET HIGH ON  
L20 77 S L16 AND L19  
L21 56 S L16(P) (THERMAL? OR HEAT? OR ANEAL? OR ANNEAL?)  
L22 27 S L20 AND L21  
L23 50 S L20 NOT L22  
L24 66612 S (POROUS OR PS)/CLM  
L25 28420 S (PORE?(8A) (SIZE? OR DIAMETER? OR RADI? OR DENSIT?) OR POROSIT  
L26 67 S L24 AND L25 AND SACRIFIC?/CLM  
L27 46 S L26 AND (ETCH? OR REMOV? OR DISOLV? OR DISSOLV? OR PATTERN?)/C  
L28 42 S L3 AND L27  
L29 78 S L24(10A)SACRIFIC?/CLM  
L30 16 S L27 AND L29

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(FILE 'HOME' ENTERED AT 18:20:52 ON 27 JUL 2007)

FILE 'CAPLUS' ENTERED AT 18:21:02 ON 27 JUL 2007

L1 225 S POROUS (10A) SACRIFIC?  
L2 2604171 S MEMS OR MICRO?  
L3 100 S L1 AND L2  
L4 1939299 S ETCH? OR REMOV? OR PATERN? OR DISOLV? OR DISSOLV?  
L5 60 S L3 AND L4  
L6 2 S L3 AND FUNCTIONAL?  
L7 46 S POROUS AND SACRIFIC? AND FUNCTION?  
L8 25 S L2 AND L7  
L9 23 S L8 NOT L6  
L10 7 S L9 AND L4  
L11 16 S L9 NOT L10  
L12 58 S L5 NOT (L6 OR L8)

FILE 'JAPIO' ENTERED AT 18:24:32 ON 27 JUL 2007

L13 8 S L7  
L14 1 S L5  
L15 3 S L1 AND L2  
L16 11 S L1 AND L4  
L17 21 S L13 OR L14 OR L15 OR L16

FILE 'USPATFULL' ENTERED AT 18:25:51 ON 27 JUL 2007

L18 18 S L1 (P) FUNCTIONAL?  
L19 18 S L2 AND L18  
L20 13 S L18 (P) L4  
L21 5 S L2 (P) L20  
L22 18 S L19 OR L20 OR L21  
L23 18 S L22 (P) (THERMAL? OR ANNEAL? OR HEAT?)  
L24 6 S L22 (P) POROSIT?  
L25 6 S L23 (P) POROSIT?  
L26 3 S L18 (P) POROSIT?  
L27 18 S L26 OR L23  
L28 19 S SACRIFICIAL?/CLM AND POROUS/CLM AND FUNCTIONAL/CLM  
L29 15 S L28 AND L2  
L30 13 S L28 AND (ETCH? OR REMOV? OR PATERN? OR PATTERN? OR DISOLV? OR  
L31 9 S L28 AND (MICRO? OR MEMS OR NEMS)/CLM  
L32 13 S L28 AND (ANNEAL? OR THERMAL? OR POROSIT? OR HEAT?)/CLM  
L33 4 S L30 AND L31 AND L32  
L34 14 S (L30 OR L31 OR L32) NOT L33